L Number	Hits	Search Text	DB	Time stamp
1	2508	(sponge or delayed or green).ti.	USPAT	2003/02/11 14:34
2	1447	(coke or coking or felxicoking).ti.	USPAT	2003/02/11
3	47	((sponge or delayed or green).ti.) and ((coke or coking or felxicoking).ti.)	USPAT	2003/02/11
4	12	(adsorb\$5 or sorb\$4) near5 (increas\$3 or improv\$4 or ameliorate\$2 or produced or	USPAT	2003/02/11 14:40
5	0	producing) near5 (coke) (((sponge or delayed or green).ti.) and ((coke or coking or felxicoking).ti.)) and ((adsorb\$5 or sorb\$4) near5 (increas\$3 or improv\$4 or ameliorate\$2 or	USPAT	2003/02/11 14:33
6	1206	<pre>produced or producing) near5 (coke)) (sponge or delayed or green) near9 (coke</pre>	USPAT	2003/02/11
7	3	or coking) ((adsorb\$5 or sorb\$4) near5 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near5 (coke)) and ((sponge or delayed or green) near9 (coke or coking))	USPAT	14:34 2003/02/11 14:34
9	0	(((sponge or delayed or green).ti.) and ((coke or coking or felxicoking).ti.)) and ((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking))	USPAT	2003/02/11 14:43
10	7	((sponge or delayed or green) near9 (coke or coking)) and ((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking))	USPAT	2003/02/11 14:46
11	41375	(clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)	USPAT	2003/02/11 14:52
12	191	((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)	USPAT	2003/02/11 14:53
13	191	((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)))	USPAT	2003/02/11 15:05
14		((adsorb\$5 or sorb\$4) near5 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near5 (coke)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission))))	USPAT	2003/02/11 14:54
	6	<pre>(((sponge or delayed or green).ti.) and ((coke or coking or felxicoking).ti.)) and (((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission) ) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission) )))</pre>	USPAT	2003/02/11 14:54

16	32317	sponge	USPAT	2003/02/11
17	44	(((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)))) and	USPAT	15:05 2003/02/11 15:17
18	147	sponge (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission))) not ((((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)))) and sponge)	USPAT	2003/02/11 15:17
19	1222	208/128-132.ccls.	USPAT	2003/02/11
20	13	((((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission))) not (((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)))) and sponge)) and 208/128-132.ccls.	USPAT	2003/02/11 15:18
21	5	scaltech.asn.	USPAT	2003/02/11 15:21
22	1	<pre>(((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission) ))) and scaltech.asn.</pre>	USPAT	2003/02/11 15:20
23	2	((sponge or delayed or green) near9 (coke or coking)) and scaltech.asn.	USPAT	2003/02/11 15:22
24	1	((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and scaltech.asn.	USPAT	2003/02/11 15:22
25	118	chemical\$4 near3 carboniz\$6	USPAT	2003/02/11 15:24
26	2	((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking)) and (chemical\$4 near3 carboniz\$6)	USPAT	2003/02/11 15:28
27	422	(activat\$3 near4 (coke or carbon)).ti.	USPAT	2003/02/11 15:29
28	6	((sponge or delayed or green) near9 (coke or coking)) and ((activat\$3 near4 (coke or carbon)).ti.)	USPAT	2003/02/11 15:35

29	2	((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking)) and (chemical\$4 near3	USPAT	2003/02/11 15:36
30	0	carboniz\$6) ((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking)) and 208/128-132.ccls.	USPAT	2003/02/11 15:36
31	192		USPAT	2003/02/11 15:40
32	4	((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking)) and ((impregnat\$3 or inject\$3 or incorporat\$4) near12 (sulfur or agent or chemical or ion or ionizing) near12 (coke or coking or quench))	USPAT	2003/02/11 15:46
33	. 362	(hydroprocess\$ or hydrogenat\$4) near6 coke	USPAT	2003/02/11 15:47
34	4	((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking)) and ((hydroprocess\$ or hydrogenat\$4) near6 coke)	USPAT	2003/02/11
35	5	(asphaltic or asphaltenic) adj coke	USPAT	2003/02/11 15:52
36	15	thermal adj coke	USPAT	2003/02/11
37	1	((asphaltic or asphaltenic) adj coke) and (thermal adj coke)	USPAT	2003/02/11
38	158	sncr	USPAT	2003/02/11 15:57
40	6	((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (sncr and coke)	USPAT	2003/02/11 15:59
41	16		USPAT	2003/02/11 16:04
42	3402	208/400-432.ccls. or 208/128-132.ccls.	USPAT	2003/02/11 16:05
43	55	((hydroprocess\$ or hydrogenat\$4) near6 coke) and (208/400-432.ccls. or 208/128-132.ccls.)	USPAT	2003/02/11 16:36
44	1	3817853.pn.	USPAT	2003/02/11 17:09
45	1	3817853.pn.	USPAT	2003/02/11 17:54
46	1230	(((sponge or delayed or green).ti.) and ((coke or coking or felxicoking).ti.)) or 208/128-132.ccls.	USPAT	2003/02/11
47	6082	catal\$5 near10 coke	USPAT	2003/02/11
49	3466	(petroleum or green or sponge or delayed) near5 coke	USPAT	2003/02/11
50	53	(((((sponge or delayed or green).ti.) and ((coke or coking or felxicoking).ti.)) or 208/128-132.ccls.) and (catal\$5 near10 coke)) and ((petroleum or green or sponge	USPAT	2003/02/11 18:17
51	11675	or delayed) near5 coke)		2002/00/22
31	11675	(volatile or VCM) near3 (content or amount or composition)	USPAT	2003/02/11 18:20

52	9	(((((sponge or delayed or green).ti.)	USPAT	2003/02/11
		and ((coke or coking or		18:26
		felxicoking).ti.)) or 208/128-132.ccls.)		
		and (catal\$5 near10 coke)) and		
		((petroleum or green or sponge or		
		delayed) near5 coke)) and ((volatile or		
		VCM) near3 (content or amount or		
		composition))		
53	11	((volatile or VCM) near3 (content or	USPAT	2003/02/11
		amount or composition)) near12 sponge		18:27
54	79	spon\$2 near2 coke	USPAT	2003/02/11
				18:28
55	5	((volatile or VCM) near3 (content or	USPAT	2003/02/11
		amount or composition)) near12		18:29
		(((volatile or VCM) near3 (content or		1 20.25
		amount or composition)) near12 sponge)		
56	1		USPAT	2003/02/11
30	*	amount or composition)) near12 (spon\$2	OSTAL	18:30
		near2 coke)		10.50
57	1	· · · · · · · · · · · · · · · · · · ·	USPAT	2003/02/11
3 /	1	amount or composition)) near20 (spon\$2	USFAI	18:32
		near2 coke)		10.32
58	1		USPAT	2003/03/11
38	1		USPAT	2003/02/11
		amount or composition)) near40 (spon\$2	-	18:32
		near2 coke)		0000/00/11
59	1	, , , , , , , , , , , , , , , , , , , ,	USPAT	2003/02/11
		amount or composition)) near80 (spon\$2		18:32
	_	near2 coke)		
60	1	(	USPAT	2003/02/11
		amount or composition)) near100 (spon\$2		18:32
-		near2 coke)		
61	11		USPAT	2003/02/11
Į		amount or composition)) and (spon\$2 near2		18:32
1		coke)		
48	94		USPAT	2003/02/11
1		((coke or coking or felxicoking).ti.)) or		19:36
		208/128-132.ccls.) and (catal\$5 near10		
1		coke)		
62	1	5320739.pn.	USPAT	2003/02/11
				19:37
63	0	(((sponge or delayed or green).ti.) and	USPAT	2003/02/11
		((coke or coking or felxicoking).ti.))		19:37
		and 5320739.pn.		
8	49	(adsorb\$5 or sorb\$4) near9 (increas\$3 or	USPAT	2003/02/11
		improv\$4 or ameliorate\$2 or produced or		19:37
		producing) near9 (coke or coking or		
		flexicoking)		
39	22	sncr and coke	USPAT	2003/02/11
				19:38
<u> </u>	L		l	

L	Hits	Search Text	DB	Time stamp
Number	nics	Search Text		Time Stamp
1	2508	(sponge or delayed or green).ti.	USPAT	2003/02/11
				14:34
2	1447	(coke or coking or felxicoking).ti.	USPAT	2003/02/11
				14:18
3	47	((sponge or delayed or green).ti.) and	USPAT	2003/02/11
		((coke or coking or felxicoking).ti.)		14:30
4	12	(adsorb\$5 or sorb\$4) near5 (increas\$3 or	USPAT	2003/02/11
		improv\$4 or ameliorate\$2 or produced or		14:40
_		producing) near5 (coke)	***************************************	2002/02/11
5	0	(((sponge or delayed or green).ti.) and ((coke or coking or felxicoking).ti.))	USPAT	2003/02/11
		and ((adsorb\$5 or sorb\$4) near5		14.55
		(increas\$3 or improv\$4 or ameliorate\$2 or		
		produced or producing) near5 (coke))		
6	1206	(sponge or delayed or green) near9 (coke	USPAT	2003/02/11
		or coking)		14:34
7	3	((adsorb\$5 or sorb\$4) near5 (increas\$3 or	USPAT	2003/02/11
İ		improv\$4 or ameliorate\$2 or produced or		14:34
	1	producing) near5 (coke)) and ((sponge or		
		delayed or green) near9 (coke or coking))		
8	49	(adsorb\$5 or sorb\$4) near9 (increas\$3 or	USPAT	2003/02/11
		improv\$4 or ameliorate\$2 or produced or		15:23
		producing) near9 (coke or coking or		
9	0	flexicoking)   (((sponge or delayed or green).ti.) and	USPAT	2003/02/11
9		((coke or coking or felxicoking).ti.))	OSPAI	14:43
		and ((adsorb\$5 or sorb\$4) near9	i	11113
		(increas\$3 or improv\$4 or ameliorate\$2 or		
		produced or producing) near9 (coke or		
		coking or flexicoking))		
10	7	((sponge or delayed or green) near9 (coke	USPAT	2003/02/11
		or coking)) and ((adsorb\$5 or sorb\$4)		14:46
		near9 (increas\$3 or improv\$4 or		Į
		ameliorate\$2 or produced or producing)		
11	41375	near9 (coke or coking or flexicoking)) (clean\$3 or purif\$4 or (remov\$4 near12	USPAT	2003/02/11
**	41373	(mercury or cyanide or toxic))) near12	OSPAI	14:52
		(gas or gaseous or vapor or emission)		14.52
12	191	((sponge or delayed or green) near9 (coke	USPAT	2003/02/11
		or coking)) and ((clean\$3 or purif\$4 or		14:53
	1	(remov\$4 near12 (mercury or cyanide or		
		toxic))) near12 (gas or gaseous or vapor		
1.0		or emission))		0000/55/55
13	191	((clean\$3 or purif\$4 or (remov\$4 near12	USPAT	2003/02/11
		(mercury or cyanide or toxic))) near12		15:05
		(gas or gaseous or vapor or emission) ) and (((sponge or delayed or green) near9		
		(coke or coking)) and ((clean\$3 or		
		purif\$4 or (remov\$4 near12 (mercury or		
	1	cyanide or toxic))) near12 (gas or		
		gaseous or vapor or emission) ))		
14	1	((adsorb\$5 or sorb\$4) near5 (increas\$3 or	USPAT	2003/02/11
	1	improv\$4 or ameliorate\$2 or produced or		14:54
	1	producing) near5 (coke)) and (((clean\$3		
	1	or purif\$4 or (remov\$4 near12 (mercury or		
		cyanide or toxic))) near12 (gas or gaseous or vapor or emission) ) and		
		(((sponge or delayed or green) near9		
		(coke or coking)) and ((clean\$3 or		
		purif\$4 or (remov\$4 near12 (mercury or		
		cyanide or toxic))) near12 (gas or		
	<u> </u>	gaseous or vapor or emission) )))		

## BYildirim\_Job\_1\_of\_1

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### EAST

Printer: cp3\_10c03\_gbgwptr

Date: 02/11/03

Time: 15:56:10

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US006018090	10	10	0	1
US005915311	6	6	0	1
US005437851	6	6	0	1
Total (4)	27	27	0	-

## BYildirim\_Job\_1\_of\_1

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Printer: cp3\_10c03\_gbgwptr

Date: 02/11/03

Time: 15:59:16

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US005915311	6	1 - 6	1
US005437851	6	1 - 6	1
Total (4)	27	-	-

## **HPS Trailer Page** for

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Printer: cp3\_10c03\_gbgwptr

#### **Summary**

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US003979277	12	12	0	1
US003617481	7	7	0	1
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## EAST

UserID: BYildirim\_Job\_1\_of\_1

Printer: cp3\_10c03\_gbgwptr

#### **Summary**

Document	Pages	Printed	Missed	Copies
US005320739	4	4	0	1
Total (1)	4	4	0	-

15 6	(((sponge or delayed or green).ti.) and	1 TTO D > m	
	((coke or coking or felxicoking).ti.)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 -(gas or gaseous or vapor or emission))))	USPAT	2003/02/11 14:54
16 32317	sponge	USPAT	2003/02/11 15:05
	(((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)))) and sponge	USPAT	2003/02/11 15:17
18 147	(((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission) )) not ((((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)))) and sponge)	USPAT	2003/02/11 15:17
	208/128-132.ccls.	USPAT	2003/02/11 15:17
	((((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission))) not (((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)))) and sponge)) and 208/128-132.ccls.	USPAT	15:17 2003/02/11 15:18
21 5	scaltech.asn.	USPAT	2003/02/11 15:21
	(((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (((sponge or delayed or green) near9 (coke or coking)) and ((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)))) and scaltech.asn.	USPAT	2003/02/11 15:20
	((sponge or delayed or green) near9 (coke or coking)) and scaltech.asn.	USPAT	2003/02/11 15:22
24 1	((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and scaltech.asn.	USPAT '	2003/02/11 15:22
25 118	chemical\$4 near3 carboniz\$6	USPAT	2003/02/11 15:24

26	2	((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking)) and (chemical\$4 near3	USPAT	2003/02/11 15:28
27	422	carboniz\$6) (activat\$3 near4 (coke or carbon)).ti.	USPAT	2003/02/11 15:29
28	6	<pre>((sponge or delayed or green) near9 (coke or coking)) and ((activat\$3 near4 (coke or carbon)).ti.)</pre>	USPAT	2003/02/11 15:35
29	2	((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking)) and (chemical\$4 near3 carboniz\$6)	USPAT	2003/02/11 15:36
30	0		USPAT	2003/02/11 15:36
31	192		USPAT	2003/02/11 15:40
32	4		USPAT	2003/02/11 15:46
33	362	(hydroprocess\$ or hydrogenat\$4) near6	USPAT	2003/02/11 15:47
34	4	((adsorb\$5 or sorb\$4) near9 (increas\$3 or improv\$4 or ameliorate\$2 or produced or producing) near9 (coke or coking or flexicoking)) and ((hydroprocess\$ or hydrogenat\$4) near6 coke)	USPAT	2003/02/11 15:51
35	5	(asphaltic or asphaltenic) adj coke	USPAT	2003/02/11 15:52
36	15	thermal adj coke	USPAT	2003/02/11   15:57
37	1	((asphaltic or asphaltenic) adj coke) and (thermal adj coke)	USPAT	2003/02/11 15:55
38	158	sncr	USPAT	2003/02/11 15:57
39	22	sncr and coke	USPAT	2003/02/11 15:58
40	6	((clean\$3 or purif\$4 or (remov\$4 near12 (mercury or cyanide or toxic))) near12 (gas or gaseous or vapor or emission)) and (sncr and coke)	USPAT	2003/02/11 15:59
41	16		USPAT	2003/02/11 16:04
42	3402	208/400-432.ccls. or 208/128-132.ccls.	USPAT	2003/02/11 16:05
43	55	((hydroprocess\$ or hydrogenat\$4) near6 coke) and (208/400-432.ccls. or	USPAT	2003/02/11 16:36
44	1	208/128-132.ccls.) 3817853.pn.	USPAT	2003/02/11 16:36